

November 12, 1999

Re: Ventilation Requirements for Pool Equipment and Chemical Storage Rooms

Dear Sir/Maam:

As you are probably aware, the South Carolina Department of Health and Environmental Control is the agency responsible for reviewing public swimming facility construction in the State. In an effort to ensure that new facilities are safe to both patrons, staff, and the environment, the Department conducts a thorough evaluation of all application packages submitted for review in accordance with regulation R.61-51, *Public Swimming Pools*.

When any item associated with the construction or operation of a swimming facility appears to be a recurring and common problem, the Department incorporates it into the review process. This allows the item to be addressed during the planning stages of the project rather than after construction. The ventilation of pool equipment and chemical storage rooms appears to meet this criteria, therefore, the Department has chosen to address it at this time.

Regulation 61-51 requires that all equipment and chemical storage rooms have ventilation to provide a minimum of ten (10) complete air changes each hour.

Therefore, the Department will require that all pool permit submittals received after January 1, 2000, include the volume of the space to be ventilated and the capacity of the ventilating fans used in the equipment and chemical storage room.

This information should be shown on the detail of the equipment/chemical storage rooms and/or listed in the equipment schedule. Also, the construction specifications should state that ten (10) air changes per hour will be provided.

The Department would like to thank you for your cooperation and continued support. If you have any questions, please feel free to contact me at (803) 898-3820.

Sincerely,

Christopher M. Childs, EIT, Manager
Water Supply & Recreational Waters Section
Water Facilities Permitting Division

cc: EQC Districts
Pool Builders
Pool Designers/Engineers

